



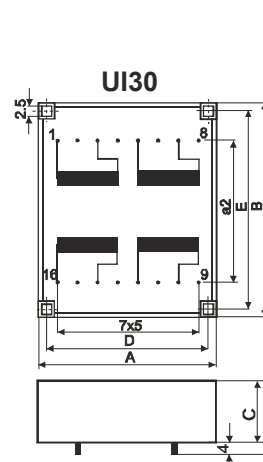
Transformers intended for mounting in power supply circuitry of electronic devices with printed circuit boards. They feature a very small height and a compact build as well as having an increased mechanical durability and resilience to climate elements (cast resin). The transformers are made at IP00 protection grade, maximum ambient temperature 70°C, thermal class of insulation B (130°C). Manufactured in compliance with EN 61558-2-4 and EN 61558-2-6.



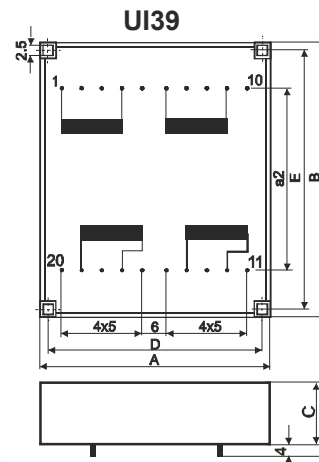
Rated power: 3 - 30VA

Rated voltage PRI: 24 - 400V 50/60Hz

Rated voltage SEC: 4 - 400V



| U                 | K.PRI,SEC | K. ZWARTE   |
|-------------------|-----------|-------------|
| $U_p = 115V$      | 1-5       | 1-7 / 3-5   |
| $U_p = 230V$      | 1-5       | 3-7         |
| $2^*U_2$ 1* $I_2$ | 16-12     | 14-10       |
| $1^*U_2$ 2* $I_2$ | 16-12     | 10-16/12-14 |



| U                 | K.PRI,SEC | K. ZWARTE   |
|-------------------|-----------|-------------|
| $U_p = 115V$      | 1-6       | 1-9 / 4-6   |
| $U_p = 230V$      | 1-6       | 4-9         |
| $2^*U_2$ 1* $I_2$ | 19-14     | 17-12       |
| $1^*U_2$ 2* $I_2$ | 19-14     | 12-19/14-17 |

| Type   | Power (VA) | Dimensions (mm) |    |    |      |      |    | Weight (kg) | Typical leads |              |
|--------|------------|-----------------|----|----|------|------|----|-------------|---------------|--------------|
|        |            | A               | B  | C  | D    | E    | a2 |             | PRI           | SEC          |
| TPZ 3  | 3          | 44              | 53 | 17 | 37,5 | 47,5 | 35 | 0,12        | 1-3, 5-7      | 10-12, 14-16 |
| TPZ 4  | 4          | 44              | 53 | 19 | 37,5 | 47,5 | 35 | 0,15        | 1-3, 5-7      | 10-12, 14-16 |
| TPZ 6  | 6          | 44              | 53 | 22 | 37,5 | 47,5 | 35 | 0,18        | 1-3, 5-7      | 10-12, 14-16 |
| TPZ 10 | 10         | 44              | 53 | 28 | 37,5 | 47,5 | 35 | 0,26        | 1-3, 5-7      | 10-12, 14-16 |
| TPZ 11 | 10         | 57              | 68 | 22 | 50   | 62,5 | 45 | 0,28        | 1-4, 6-9      | 12-14, 17-19 |
| TPZ 14 | 14         | 57              | 68 | 24 | 50   | 62,5 | 45 | 0,32        | 1-4, 6-9      | 12-14, 17-19 |
| TPZ 18 | 18         | 57              | 68 | 27 | 50   | 62,5 | 45 | 0,38        | 1-4, 6-9      | 12-14, 17-19 |
| TPZ 24 | 24         | 57              | 68 | 31 | 50   | 62,5 | 45 | 0,48        | 1-4, 6-9      | 12-14, 17-19 |
| TPZ 30 | 30         | 57              | 68 | 35 | 50   | 62,5 | 45 | 0,54        | 1-4, 6-9      | 12-14, 17-19 |

As a result of constant development of product construction and changes concerning technical requirements, Breve Tufvassons reserves the right to change the parameters mentioned above.

